

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(clave with block and open with cavity and equal with (dimension or exterior) and volume and pitch). clm.	US-PGPUB	OR	ON	2007/12/16 16:51
S1	28	clave near5 block\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:17
S2	81	clave\$1 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:49
S3	0	rigid with body with (solid near4 material or hard near4 wood) same open near4 cavity and (tone or sound) with pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 17:44
S4	0	(solid near4 material or hard near4 wood) same open near4 cavity and (tone or sound) with pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 17:44
S5	0	(solid near4 material or hard near4 wood) same open with cavity and (tone or sound) with pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 17:44
S6	79	open with cavity and (tone or sound) with pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 18:18
S7	0	equal\$3 near4 (shape or exterior or dimension) with (differen\$3 near3 volume) same (different or variety) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:52

## EAST Search History

S8	1	equal\$3 near4 (shape or exterior or dimension) same (differen\$3 with volume) same (different or variety) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:55
S9	153	(shape or exterior or dimension) same (differen\$3 with volume) same (different or variety) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 18:29
S11	39	S9 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:44
S12	6688	(shape or exterior or dimension) same (different or variety) near5 (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:59
S13	703	S12 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 18:29
S14	112	S13 and (shape or exterior or dimension) with (size or thickness or volume) same (different or variety) near5 (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/11 09:07
S15	1027	84/402,403,406,410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/16 14:52
S16	253	S15 and (clave or block or percussion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:00

## EAST Search History

S17	3827	clave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:48
S18	82	clave\$1 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:00
S19	0	equal\$3 near4 (shape or exterior or dimension) same (differen\$3 near3 volume) same (different or variety or various) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:57
S20	0	equal\$3 near4 (shape or exterior or dimension) same (differen\$3 near3 volume) same (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:54
S21	643	(differen\$3 near3 volume) same (different or variety or various) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:54
S22	52	(shape or exterior or dimension) same (differen\$3 near3 volume) same (different or variety or various) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:55
S23	7861	(shape or exterior or dimension) same (differen\$2 or variety or various) near5 (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:55
S24	3097	S23 and (clave or block or percussion or strik\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:00

## EAST Search History

S25	523	S24 and "84"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:00
S26	5	("3561716"   "4214504"   "4898061"   "5063821"   "D318680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/19 12:06
S27	10	("4898061").URPN.	USPAT	OR	OFF	2006/01/19 12:07
S28	8	("0641901"   "1346588"   "3780613"   "4898061"   "5600080"   "5932823").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/19 12:07
S29	271	S23 and plurality with block	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:55
S30	0	equal\$3 near4 (shape or exterior or dimension) same (differen\$3 near4 volume) and (different or variety or various) with (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:59
S31	11	equal\$3 near4 (shape or exterior or dimension) same (differen\$3 near4 volume) and (tone or sound or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:03
S32	489	84/402.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:13
S33	364	84/403.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:14
S34	121	84/406.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:25

## EAST Search History

S35	165	84/410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:45
S36	102	("4867033" "4957483" "5814747" "5394983" "4507174" "5218082" "5298595" "5490596" "4269105" "3696644" "3839841" "3787601" RE29343 "4053513" "4104329" "4244258" "4392406" "4445346" "4457897" "4468456" "4527007" "4859829" "5045055" "5203696" "5279788" "5322436" "5393851" "5520882" "5674206" "6068379" "6271449" RE37357 "6310131" "6319993" "6368565" "6533985" "6941231" "5595702" "5837182" "4308728" "4437279" "4767302" "5429028" "6143967" "6224359" "6224359" "6885125" "4320857" "5383159" "6091009").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:46
S37	14181	984/DIG.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:46
S38	0	984/DIG1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:47
S39	0	(984/DIG1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 13:47
S40	0	(984/DIG1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 13:48

## EAST Search History

S41	855	(53/440).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 13:48
S42	18	S41 and (sound or tone or music\$2 or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:53
S43	1	clave with block same open with cavity same equal with (dimension or exterior) same volume same pitch	US-PGPUB	OR	ON	2006/01/19 13:57
S44	0	(clave with block same open with cavity same equal with (dimension or exterior) same volume same pitch).clm.	US-PGPUB	OR	ON	2006/01/19 13:56
S45	0	(clave with block same cavity same equal with (dimension or exterior) same volume same pitch).clm.	US-PGPUB	OR	ON	2006/01/19 13:56
S46	1	clave with block and open with cavity and equal with (dimension or exterior) and volume and pitch	US-PGPUB	OR	ON	2006/01/19 13:58
S47	1	(clave with block and open with cavity and equal with (dimension or exterior) and volume and pitch). clm.	US-PGPUB	OR	ON	2007/12/16 16:51
S48	339	different\$2 near4 thickness same (different or variety) near3 (tone or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:35
S49	57585	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:19
S50	30	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:19

## EAST Search History

S51	1032	84/402,403,406,410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 13:42
S52	252	different\$2 near4 volume same (different or variety or variable) near3 (tone or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 13:42
S53	3	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:36
S54	84	S49 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 10:37
S55	1040	84/402,403,406,410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:14
S56	20180	(volume or interior or internal or dimention\$2) same (tone or pitch or sound) same size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:19
S57	31	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 13:46
S58	1	("2458875").URPN.	USPAT	OR	OFF	2006/11/24 13:50
S59	10142	(volume) same (tone or pitch or sound) same (size or dimention\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 18:01

## EAST Search History

S60	17	S55 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 13:57
S61	1531	S59 and (percussion or clave or xylophone or blocks)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 13:58
S62	19	S59 and (percussion or clave or xylophone or blocks) same body with (solid or rigid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 14:00
S63	282	S59 and (percussion or clave or xylophone or blocks) same (solid or rigid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/16 15:20
S64	11	S59 and percussion same (clave or xylophone or blocks)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:07
S65	567	(d17/22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 14:05
S66	46	(d17/23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 14:05
S67	13	S59 and clave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:07



## EAST Search History

S68	138	clave and (tone or pitch or sound) same (size or dimention\$2 or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:08
S69	0	((volum) same (tone or pitch or sound) same (size or dimention) and (clave or block or percussion) same (body or base or member)). clm.	US-PGPUB	OR	ON	2006/11/24 14:21
S70	0	((volum) same (tone or pitch or sound) same (size or dimention) and (clave or block or percussion)). clm.	US-PGPUB	OR	ON	2006/11/24 14:21
S71	124	((tone or pitch or sound) same (size or dimention or volume) and (clave or block or percussion)).clm.	US-PGPUB	OR	ON	2006/11/24 14:22
S73	742	(volume or dimension\$2 or size or shape) near5 (opening or cavity or interior or recess or hole or chamber) with (tone or pitch or sound) near4 (different or difference or various or alter\$3 or differ\$3 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:35
S74	7	("5323678").URPN.	USPAT	OR	OFF	2007/06/01 11:14
S75	5	("4165671"   "4168064"   "4179973"   "4306485"   "4858510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 11:16
S76	7	(wall near5 thicknesses) near5 (opening or cavity or interior or recess or hole or chamber) with (tone or pitch or sound) near4 (different or difference or various or alter\$3 or differ\$3 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:43
S77	5	("6120341").URPN.	USPAT	OR	OFF	2007/06/01 11:41
S78	13	("2606400"   "3151517"   "3991513"   "4143485"   "4179845"   "4612001"   "4915660"   "4940451"   "5030159"   "5643039"   "5885126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 11:43
S79	147	(wall near5 thicknesses) with (tone or pitch or sound) near4 (different or difference or various or alter\$3 or differ\$3 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 14:46

## EAST Search History

S80	58424	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:44
S81	4	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 11:44
S82	2	("6198033").URPN.	USPAT	OR	OFF	2007/06/01 11:47
S83	7	("0627766"   "2858724"   "4577541"   "4790228"   "5377575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 11:47
S84	2	("2278126").URPN.	USPAT	OR	OFF	2007/06/01 11:49
S85	58424	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 14:46
S86	24	S85 and (wall near5 thicknesses) same (tone or pitch or sound) near4 (different or difference or various or alter\$3 or differ\$3 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:37
S87	2	("976,718").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:25
S88	2	("0976718").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 16:25
S89	3	("3893363").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 16:25

## EAST Search History

S90	1048	84/402,403,406,410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:57
S91	58642	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:37
S92	24	S91 and (wall near5 thicknesses) same (tone or pitch or sound) near4 (different or difference or various or alter\$3 or differ\$3 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:38
S93	1051	84/402,403,406,410.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/16 14:52
S94	258	S93 and (percussion or clave or xylophone or blocks) with (instrument or sound or tone or acoustic\$4 or pitch or volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/16 15:23